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PTO/SB/05 (05-03)

Approved for use through 10/31/2002. OMB 0651-0032

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 3557G-000043

First Inventor Akihiro Masuda, et al.

Title VARIABLE OPTICAL EQUALIZER AND OPTICAL MULTIPLEX TRANSMISSION SYSTEM

Express Mail Label No. EL 741 093 394 US

31108 U.S. PTO
10/6/2003**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

- | | | |
|--|--|---|
| <p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17)
<i>(Submit an original and a duplicate for fee processing)</i></p> <p>2. <input type="checkbox"/> Applicant claims small entity status.
See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages 17]
<i>(preferred arrangement set forth below)</i>
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (<i>if filed</i>)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure</p> | <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C.113) [Total Sheets 8]</p> <p>5. Oath or Declaration [Total Pages]
 a. <input type="checkbox"/> Newly executed (original or copy)
 b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d))
 <i>(for a continuation/divisional with Box 18 completed)</i>
 i. <input type="checkbox"/> DELETION OF INVENTOR(S)
 Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</p> <p>6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p> | <p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (<i>Appendix</i>)</p> <p>8. Nucleotide and/or Amino Acid Sequence Submission (<i>if applicable, all necessary</i>)
 a. <input type="checkbox"/> Computer Readable Form (CRF)
 b. Specification Sequence Listing on:
 i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or
 ii. <input type="checkbox"/> paper
 c. <input type="checkbox"/> Statements verifying identity of above copies</p> |
|--|--|---|

ACCOMPANYING APPLICATIONS PARTS

- | |
|---|
| <p>9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))</p> <p>10. <input type="checkbox"/> 37 C.F.R. §3.73(b) Statement <input type="checkbox"/> Power of Attorney (<i>when there is an assignee</i>)</p> <p>11. <input type="checkbox"/> English Translation Document (<i>if applicable</i>)</p> <p>12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</p> <p>13. <input type="checkbox"/> Preliminary Amendment</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)
<i>(Should be specifically itemized)</i></p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s) (<i>if foreign priority is claimed</i>)</p> <p>16. <input type="checkbox"/> Request and Non Publication under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.</p> <p>17. <input type="checkbox"/> Other: _____</p> |
|---|

18. If a CONTINUATING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior application No: PCT/JP01 / 02579
 Prior application information: Examiner _____ Group / Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS Customer Number or Bar Code Label

27572

or Correspondence address below

(Insert Customer No. or Attach bar code label here)

Name	Harness, Dickey & Pierce, P.L.C.				
	Gregory A. Stobbs				
Address	P.O. Box 828				
City	Bloomfield Hills	State	MI	Zip Code	48303
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Name (Print/Type)	Timothy D. MacIntyre	Registration No. (Attorney/Agent)	42,824
Signature			Date 9/26/03

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FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) 750

Complete if Known

Application Number	
Filing Date	Herewith
First Named Inventor	Akihiro Masuda, et al.
Examiner Name	
Group / Art Unit	
Attorney Docket No.	3557G-000043

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Other None
 Order
 Deposit Account:

Deposit Account Number 08-0750

Deposit Account Name Harness, Dickey & Pierce, P.L.C.

The Commissioner is authorized to: (check all that apply)

 Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code (\$)	Fee Description
1051	130	2051	Surcharge - late filing fee or oath
1052	50	2052	Surcharge - late provisional filing fee or cover sheet.
1053	130	1053	Non-English specification
1812	2,520	1812	For filing a request for reexamination
1804	920*	1804	Requesting publication of SIR prior to Examiner action
1805	1,840*	1805	Requesting publication of SIR after Examiner action
1251	110	2251	Extension for reply within first month
1252	410	2252	Extension for reply within second month
1253	930	2253	Extension for reply within third month
1254	1,450	2254	Extension for reply within fourth month
1255	1,970	2255	Extension for reply within fifth month
1401	320	2401	Notice of Appeal
1402	320	2402	Filing a brief in support of an appeal
1403	280	2403	Request for oral hearing
1451	1,510	1451	Petition to institute a public use proceeding
1452	110	2452	Petition to revive – unavoidable
1453	1,300	2453	Petition to revive – unintentional
1501	1,300	2501	Utility issue fee (or reissue)
1502	470	2502	Design issue fee
1503	630	2503	Plant issue fee
1460	130	1460	Petitions to the Commissioner
1807	50	1807	Processing fee under 37 CFR 1.17 (q)
1806	180	1806	Submission of Information Disclosure Stmt
			Recording each patent assignment per property (times number of properties)
8021	40	8021	(\$) 0
1809	750	2809	Filing a submission after final rejection (37 CFR § 1.129(a))
1810	750	2810	For each additional invention to be examined (37 CFR § 1.129(b))
1801	750	2801	Request for Continued Examination (RCE)
1802	900	1802	Request for expedited examination of a design application

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

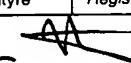
SUBTOTAL (3)

(\$) 0

**or number previously paid, if greater; For Reissues, see above

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Timothy D. MacIntyre	Registration No. Attorney/Agent)	42,824	Telephone	(248) 641 1600
Signature				Date	9/26/03

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